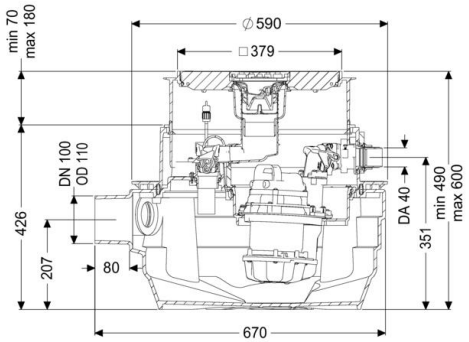
Data sheet

Lifting station Aqualift M Underfloor, Mono, SPZ 1000, black



Article information

article number: 28701S
EAN code: 4026092073063
Price group: 20

Product advantages

- Suitable for complete basement drainage
- High-performance macerator for space-saving and secure drainage
- Maximum operating reliability due to intelligent control unit (Duo)

Description

The lifting station for faecal wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an enclosed pump tank. One-handed closures enable easy removal of the integrated components.

General features

Colour	black
Type of wastewater	with sewage
Installation situation	floor slab installation
Delivery state	Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)
System type	Mono
Approval	Z-53.2-484

Version

Type of system	Single unit
Shut-off valve	without shut-off valve
Pump control	Control unit
Backflow preventer	integrated
Pressure pipe connection	horizontal

Dimensions

Net weight	33.4 kg
Gross weight	37 kg
Groundwater resistant from lower edge of base section	3000 mm
Cutout dimension, width	800 mm
Cutout dimension, length	800 mm
Installation depth	490|600 mm
Type of height adjustability	vertically adjustable upper section
Length	670 mm
Width	590 mm
Packaging dimension: length	620 mm
Packaging dimension: width	620 mm
Packaging dimension: height	1030 mm

Tank/drain body

Pressure pipe connection (DN)	32
Pressure pipe connection (OD)	40 mm
Connection conduit pipe (DN)	50
Venting connection (DN)	70
Distance from centre of outlet pipe to tank bottom	351 mm
Distance pipe bottom outlet to tank bottom	351 mm
Distance pipe bottom inlet to tank bottom	152 mm
Distance from centre of inlet pipe to tank bottom	207 mm
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
Number of inlets	1
Pumping volume	20 l
Tank volume	40.00 l

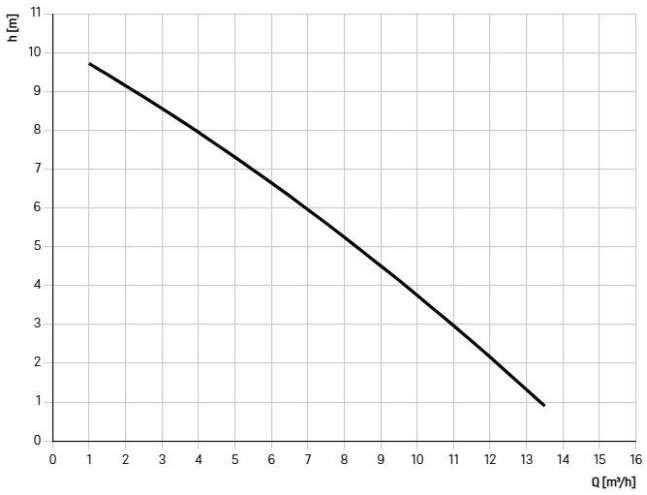
Coverage features

Type of cover	Cover plate with slotted cover
Cover material	Polymer
Colour of cover	black
Width of cover	366 mm
Length of cover	366 mm
Drainage function	yes
Locking	Lock & Lift
Load class	K 3 (EN 1253-1)
geruchsverschluss_hebeanlagen	Multistop

Pumping device

Pump	SPZ 1000
Number of pumps	1
Weight, pump	10 kg
Connection type	coded plug
Operating voltage	230 V
Protection class	I
Insulation class	F
Cos phi - power factor	0.97
Protection class (pump)	IP 68 (3m/48h)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Hot water resistance for a short time (2 min)	80 °C
Max. pumping capacity	11.5 m^3/h
Max. pumping height	10 m
Speed	2800 U/min
Power P1	1.2 kW
Power P2	0.69 kW
Operating mode	S3 - 50 %
Type of pump connection cable	H07RN-F 3G 1.5 mm^2
Impeller type	Macerator
Length of mains cable for pump	5 m
Rated current	5,2| A

Pumping capacity



Control

Control unit	Comfort
Operating voltage	230 V
Rated current (max.)	|
Protection class control unit	IP 54
Type of fuse required (control unit)	Fuse protection through control unit 230 V
Self-diagnosis system (SDS)	yes
Battery buffering	yes
Multi-line display	yes
Log book function	yes
Potential-free contact	optional
Alarm sensor	optical probe
Level measurement instrument	Immersion pipe
Type of level measurement	pneumatic
USB interface	yes
Control unit function	With alarm message
Connection type	coded plug
Length of mains cable for control unit	1.4 m
GSM interface	yes
Motor protection switch	yes
Warning equipment version	acoustic and optical signal